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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 3581.07US01 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/522,690
INTERNATIONAL APPLICATION NO. PCT/EP03/008369	INTERNATIONAL FILING DATE 29 July 2003	PRIORITY DATE CLAIMED 30 July 2002
TITLE OF INVENTION PROTEIN CRYSTALLISATION METHOD		
APPLICANT(S) FOR DO/EO/US HOFFMANN, Kurt		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 65.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0631. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Peter S. DARDI
Patterson, Thunte, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402



SIGNATURE

Brian L. JARRELLS

NAME

53,067

REGISTRATION NUMBER

**RECEIVED
DOCKETING****JUL 25 2005****UNITED STATES PATENT AND TRADEMARK OFFICE**

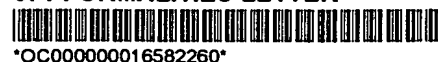
UNITED STATES PATENT AND TRADEMARK OFFICE
 United States Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/522,690	Kurt Hoffmann	3581.07US01

Brian L Jarrells
 Patterson Thuenste Skaar & Christensen
 4800 Ids Center
 80 South 8th Street
 Minneapolis, MN 55402

INTERNATIONAL APPLICATION NO.	
PCT/EP03/08369	
LA. FILING DATE	PRIORITY DATE
07/29/2003	07/30/2002

CONFIRMATION NO. 1767
371 FORMALITIES LETTER

DOCKETED

OC000000016582260

Date Mailed: 07/22/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/28/2005
- Information Disclosure Statements filed on 01/28/2005
- Small Entity Statement filed on 01/28/2005
- U.S. Basic National Fees filed on 01/28/2005
- Priority Documents filed on 01/28/2005

Missing Requirements due 9-22-05
 Per 1 month extension 10-22-05
 Per 2 month extension 11-22-05
 Per 3 month extension 12-22-05
 Per 4 month extension 1-22-06
 Per 5th & final extension 2-22-06
 ST

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$505** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$65** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$570** for a Small Entity:

Docketing Review

ST

- \$65 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$ 505
 - \$200 for 2 independent claims over 3.
 - \$125 for 10 total claims over 20.
 - \$180 for multiple dependent claim surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/522,690	PCT/EP03/08369	3581.07US01

FORM PCT/DO/EO/905 (371 Formalities Notice)

Rec'd PCT/PT 9 AUG 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PCT RECEIVING OFFICE (RO/US)

In re the application of:

Attorney Docket No.: 3581.07US01

HOFFMANN

Confirmation No.: 1767

Application No.: 10/522,690

Filed: 28 January 2005

For: PROTEIN CRYSTALLISATION METHOD

COMMUNICATION

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements mailed 22 July 2005, an additional claims fee of \$505.00 has been requested. Applicant submits that there are 25 claims pending, and 3 are independent claims. A copy of the Preliminary Amendment as filed with the application on 28 January 2005 is attached. As such, Applicant does not believe an additional claims fee is required.

The filing fee was calculated as shown below:

Application filed on or after December 8, 2004:					
	No. Filed	No. Extra	Small Entity Rate	OR	Large Entity Rate
Basic Filing Fee			\$150	OR	\$300
Utility Search Fee			\$250	OR	\$500
Utility Examination Fee			\$100	OR	\$200
Total Claims	25 - 20	= 5	x 25 = \$125	OR	x 50 = \$
Independent Claims	3 - 3	= 0	x 100 = \$0	OR	x 200 = \$
Presence of Multiple Dependent Claim			+ 180 = \$0	OR	+ 360
Utility Application Size Fee - per each additional 50 sheets that exceeds 100 sheets:			* x 125 = \$0	OR	* x 250 = \$
		TOTAL	\$625.00		TOTAL \$
**If the difference is less than zero, enter "0". Total # of sheets = (Spec and Abst pgs)+Dwg Sheets					

Applicant is entitled to small entity status in accordance with 37 CFR 1.27. A check in the amount of \$65.00 is enclosed for the surcharge fee.

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to Deposit Account No. 16-0631.

Respectfully submitted,



Brian L. JARRELLS
Registration No. 53,067

Patterson, Thunte, Skaar & Christensen, P.A.
4800 IDS Center
80 South Eighth Street
Minneapolis, Minnesota 55402-2100
(612) 252-1535

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 578266353 US. Date of Deposit: 09 August 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doris Whitcomb

Name of Person Making Deposit


Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PCT RECEIVING OFFICE (RO/US)

In re the application of:

Attorney Docket No.: 3581.07US01

HOFFMANN

Confirmation No.: 1767

Application No.: 10/522,690 ✓

Filed: 28 January 2005

For: PROTEIN CRYSTALLISATION METHOD

SUBMISSION OF DOCUMENTS

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing in the above-identified application are the following documents:

1. Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 – 3 pages;
2. Copy of Notice of Missing Requirements dated 22 July 2005 – 2 pages;
3. Communication – 2 pages;
4. Copy of Preliminary Amendment as filed 28 January 2005 – 7 pages;
5. Executed Combined Declaration and Power of Attorney – 2 pages;
6. English translation of the International Preliminary Examination Report – 7 pages;
7. Check in the amount of \$65.00 (missing requirements fee); and
8. Return receipt postcard.

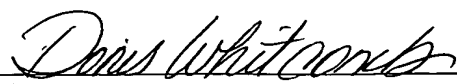
The Commissioner is authorized to charge to Deposit Account No. 16-0631 any underpayments, overpayments or additionally required fees.

Respectfully submitted,

Brian L. JARRELLS
Registration No. 53,067Patterson, Thuente, Skaar & Christensen, P.A.
4800 IDS Center
80 South Eighth Street
Minneapolis, Minnesota 55402-2100
(612) 252-1535

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 578266353 US. Date of Deposit: 09 August 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doris Whitcomb
Name of Person Making Deposit
Signature

#5

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/522,690		INTERNATIONAL APPLICATION NO. PCT/EP03/008369		ATTORNEY'S DOCKET NUMBER 3581.07US01	
20. Other items or information: Copy of the Notification of Missing Requirements dated 22 July 2005 - 2 pages; Communication - 2 pages and Copy of the Preliminary Amendment as filed 28 January 2005 - 7 pages.					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$	
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$ 50	\$	
Independent claims	- 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 65.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 65.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 65.00	
08/15/2005 6FREY1 00000138 10522690				Amount to be refunded:	\$
01 Fee:2617 65.00 OP				Amount to be charged	\$